

CLAIMS

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6 1. In a video on demand system for supplying requested video data to a subscriber receiver, the improvement comprising:

- a. A video server memory in which said requested video data is stored; and
- b. a processor responsively coupled to said memory and said subscriber receiver which streams said requested video data from said memory to said subscriber receiver.

11 2. The video on demand system of claim 1 wherein said memory further comprises a Unisys CMP memory platform.

3. The video on demand system of claim 2 wherein said processor further comprises an industry compatible, Windows NT based processor.

16 4. The video on demand system of claim 3 further comprising a transaction server responsively coupled to said subscribing receiver and said memory.

5. The video on demand system of claim 4 wherein said requested video data further comprises MPEG-2 format.

21 6. An apparatus comprising:

1 a. A subscribing cable television receiver capable of providing a service request;

 b. A memory having a spooled video program corresponding to said service request; and

 c. A processor responsively coupled to said memory and said subscribing cable television which streams said spooled video program to said subscribing cable television receiver.

6 7. An apparatus according to claim 6 wherein said processor comprises an industry compatible, Windows NT based processor.

11 8. An apparatus according to claim 7 wherein said memory comprises a Unisys CMP memory platform.

11 9. An apparatus according to claim 8 wherein said spooled video program further comprises MPEG-2.

16 10. An apparatus according to claim 9 further comprising a transaction server responsively coupled to said subscribing television receiver and said memory.

21 11. A video on demand system comprising:

 a. Means for requesting a video on demand program;

 b. Means responsively coupled to said requesting means for storing said requested video on demand program;

 c. Means responsively coupled to said storing means for streaming said requested video

1 on demand program.

12. A video on demand system according to claim 11 wherein said requesting means further comprises a subscriber box.

6 13. A video on demand system according to claim 12 wherein said streaming means further comprises an industry standard personal computer.

14. A video on demand system according to claim 13 wherein said storing means further comprises a Unisys CMP memory platform.

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15. A video on demand system according to claim 14 further comprising a transaction subsystem responsively coupled to said requesting means and said storing means for spooling said requested video on demand program into said storing means and for managing archival storage of video streams in a hierarchical storage management system that is integrated with the management application and requires no manual intervention.

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16. A method of providing video on demand services comprising:

- a. Generating a video on demand request from a subscriber;
- b. Storing a video program corresponding to said video on demand request; and
- c. Streaming said corresponding video program from said storage to said subscriber.

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1 17. A method according to claim 16 further comprising:

a. Pausing said streaming in response to a pause signal from said subscriber.

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18. A method according to claim 16 further comprising:

a. Reversing said streaming in response to a reverse signal from said subscriber.

19. A method according to claim 16 further comprising:

a. Fast forwarding said streaming in response to a fast forward from said subscriber.

20. A method according to claim 16 wherein said processing step further comprises:

11 a. Performing subscriber accounting to enable billing said subscriber for said video on demand request.